M.R.O. 1—77,000—8-6-37.

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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 3756-57 Press ~~Mis.~~

516-19

Dated 25 11 1869.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 25th November 1869.

Read the following papers :—

No. 516. From the Acting Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Public Works Department, dated Madras, 23rd October 1869, No. 85 :—

Part VI.
Appendix C., and
Statements Nos. 1 to 4, received from Agent.

I HAVE the honour to submit the documents as per margin, being Budget Estimates of expenditure from State funds and from Guaranteed and Loan Capital during 1870-71.

2. The estimated outlay on Government Establishments is—

	RS.
For the Consulting Engineer's Office	32,856
,, making over land...	1,828
Total State outlay on Establishments ...	34,684
The compensation for land expected to be taken up for distribution channels is estimated at...	20,000
Total State outlay ...	54,684

No provision is made for land for the Main Canal, as it is expected that it will all be taken up before the close of the current official year.

3. The estimated outlay from Guaranteed and Loan Capital amounts to Rupees 22,80,000, being somewhat in excess of the estimate for last year, and is composed of the following items :—

	RS.
Agent's and Engineering Establishment	4,51,500
Work on Main Canal	15,22,500
Do. on Distribution Channels	2,96,000
Telegraph	10,000

As the expenditure on the Main Canal this year is estimated at Rupees 12,78,664, the amount provided above will probably not be too much. The expenditure on distribution channels this year is calculated to be only Rupees 46,420; but, as with the close of the next official year, the date on which the Company have engaged to complete the work will be very nigh, strenuous exertions will no doubt be made to finish the works of distribution, and the amount which is proposed by the Chief Engineer may be allowed to stand.

4. With regard to Revenue, the gross receipts are estimated at... and the expenditure or working expenses at, leaving net receipts:

	RS.
With regard to Revenue, the gross receipts are estimated at...	99,000
and the expenditure or working expenses at	20,334
leaving net receipts at	78,666

I do not think it probable that the above estimates will prove approximately correct, for though the Chief Engineer's irrigation estimate shows

	Acres.
the area of land commanded to be	3,86,000
the area supplied in 1869-70 corrected to date is only...	1,118
and area to be supplied in 1870-71...	386,000

It is unlikely, even if the distribution works are sufficiently completed by the end of the year, that they will be so early enough to irrigate the land ; or that in any case so much land will be actually supplied with water, as the supply depends on other considerations, such as the stability of the main works, the readiness of the ryots to receive the water, and the certainty of supply. The actual receipts this year are only estimated at Rupees 16,290, while the revenue that was expected when the Budget was prepared last year was Rupees 99,000, and I think it will be a sufficient advance to allow the same figures to stand for next year. The expenditure or working expenses under this head is estimated at Rupees 20,334, which, on the other hand, appears too low. The only conservancy establishment yet sanctioned is Rupees 6,540 per annum, Order as per margin,* but additional establishments of a similar nature will be requisite hereafter. Then, all clearance of silt, repairs to buildings, and general repairs to each portion of the canal after it has been completed and brought into use, will be debitable to the same head, hence I expect that the sum of Rupees 20,334 will be exceeded by a considerable amount; but I would allow the amount to stand, it being understood that the figures are those of the officers of the Company, and that I do not expect there will be any net revenue.

* No. 2,528, dated 2nd August 1869.

5. The Revenue Account, as directed by the Government of India in paragraph 3 of the Despatch communicated with Order of Government, No. 738, 6th March 1860, is being prepared by the Agent up to 30th September last.

No. 517. From the Acting Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Public Works Department, dated Camp at Pagadyal, 3rd November 1869, No. 93.

I HAVE the honour to acknowledge your Memorandum, No. 85 of the 27th ultimo, and, as directed, to forward a fresh Budget Estimate of expenditure from State funds, in which the full staff salary for the Consulting Engineer and Military allowances as a Captain is provided, which I presume is what the Government require in calling for a revised estimate in accordance with the sanctioned scale, as in all other respects the estimate objected to does agree with the sanctioned scale. As regards the salary of the Consulting Engineer, I find that in Order of Government, No. 2,547, 28th October 1859, the remuneration of this Officer was fixed at Rupees 1,000, with the full pay and allowances of the incumbent's regimental rank, and so the expenditure has always been variable, the incumbent being at times a Captain, sometimes a Lieutenant-Colonel, and at others a Colonel. I therefore submit that the estimate which I originally prepared was in accordance with the sanctioned scale, and that it will be less embarrassing hereafter to allow it to stand than to estimate for an amount insufficient to pay the present acting incumbent.

2. The Government next call for a full explanation of the differences between the Budget and the Regular Estimate of expenditure for 1869-70.

Proceedings of the Madras Government, Public Works Department, 25th November 1869.

1st.—The excess difference under State outlay is owing to the Military allowances of a Captain having been estimated for, but the permanent incumbent having been promoted to a higher situation, and replaced by a Colonel whose Military allowances are higher, there was necessarily an increase of expenditure from the 17th August.

2nd.—Decrease of Rupees 4,70,805 from Construction Funds.

The statement accompanying shows the items of which the above sum is made up: the portions belonging to Establishments is owing to some places having remained vacant, and to the persons filling others not having attained to the full salary of the office. The decrease of expenditure on the main supply is owing to the Chief Engineer having estimated for the largest amount he thought he could spend, lest if he estimated too low there might be a difficulty in obtaining the money. The heaviest item is in Distribution, on which the expenditure falls short by $2\frac{3}{4}$ lacs of the sum provided in the Budget. It has been often noticed how slowly the works of distribution advanced, and the Chief Engineer informs me that it is owing to his not having had Engineers to spare for this duty. Moreover, the working season is only just commencing, and it may be that the full sum provided in the Budget will yet be necessary, the smaller amount shown in the regular estimate being, in accordance with regulation and custom, computed from the actual expenditure of the preceding six months.

3rd.—Cause of the anticipated falling off in the receipts under Revenue Account.

The falling off is owing to the main and distribution works having been in a much less forward condition than was expected, and to the canal not being in a proper condition owing to accidents to supply the water as early and as completely as had been hoped.

Difference between Budget and Regular Estimate of expenditure on Construction for 1869-70.

—	Budget Estimate for 1869-70.	Regular Estimate of 1869-70.	Difference. Increase.	Difference. Decrease.
	RS.	RS.	RS.	RS.
General Management.				
Agents's Department—Salaries	50,000	64,430 (Salaries and Contingent Expenses)	...	570
Do. Contingent Expenses ...	15,000			
Establishments of Chief and Executive Engineers.	3,35,000	3,25,000	...	9,904
Main Supply	14,47,750	12,78,664	...	1,69,086
Distribution	3,20,800	46,420	...	2,74,380
Telegraph...	31,450	14,585	...	16,865
Total ...	22,00,000	17,29,195	...	4,70,805

Proceedings of the Madras Government, Public Works Department, 25th November 1869.

I.

Detail of Estimate of State Expenditure on account of the operations of the Madras Irrigation and Canal Company for the year 1870-71.

ABSTRACT.

	RS.
I.—Establishment	33,800
II.—Purchase of land	20,000
Total...	53,800

I. Controlling Establishment.

NUMBER. 1869-70.	NUMBER. 1870-71.	Particulars.	Salary of office.	ESTIMATE of 1870-71. Per mensem.	ESTIMATE of 1870-71. Per annum.	ESTIMATE of 1870-71. Total.	Budget Estimate 1869-70, charges per annum.	Regular Estimate of 1869-70.
		Consulting Engineer for the Madras Irrigation and Canal Company.	RS.	RS.	RS.	RS.	RS.	RS.
1	1	Consulting Engineer	1,750	1,750	21,000	21,000	16,248	19,853
1	1	Manager	225	225	2,700			
2	1	Accountant	42	42	504			
1	1	Head Clerk	50	50	600			
2	...	Assistant do.	......	......	......			
1	1	Draughtsman and Estimator ..	60	60	720			
1	1	Do. do.	40	40	480			
1	1	Record-keeper	50	50	600			
1	1	Moochee	10½	10½	126	7,254	7,254	7,224
...	1	Peon	8	8	96			
2	2	Do.	7	14	168			
2	1	Do.	6	6	72			
1	1	Sweeper	3	3	36			
		For the Government Examiner.						
...	1	Accountant	90	90	1,080			
...	1	Peon	6	6	72			
16						28,254	23,502	27,077
		Travelling allowance and batta for Office Establishment	......	......	......	2,570	2,570	1,500
		Office Expenses and Contingencies ...	......	......	......	1,200	1,200	521
		Total of Consulting Engineer's Dept....	......	......	......	32,024	27,272	29,098
		ESTABLISHMENT ENGAGED IN MAKING OVER LAND.						
		Cuddapah.						
1	1	Surveyor	120	120	1,440	......	1,728	1,728
4	4	Lascars	6	24	288			
		Contingent Charges	......	......	......	......	......	70
		Total, Cuddapah ...	......	......	......	1,728	1,728	1,798
		Kurnool.—Nil.	......	......	......	......	......	......
		Nellore.—Nil.	......	......	......	......	......	......
		Grand Total of the Controlling Establishment ...	......	......	......	33,752	29,000	30,896

Proceedings of the Madras Government, Public Works Department, 25th November 1869.

II.—Purchase of Land.

Number of Item.	Particulars.	Area. Acres.	Amount of Estimate.	Computed payments to 31st March 1870.	Estimate, 1870-71.
	KURNOOL DISTRICT. *Main Supply.*—Nil.			RS.	RS.
	Distribution.				
	Canal, 1st Section	9	Not estimated for : the Land Registers and Bills are sanctioned by Govt. from time to time prior to the transfer of the land.	67,500	108
	Do. 2nd do.	20			240
	Do. 3rd do.	40			480
	Do. 4th do.	75			900
	Do. 5th do.	145			1,740
	Do. 6th do.	350			4,200
	Do. 7th do.	20			240
	Do. 8th do.	20			240
	Sundry purposes	125			1,852
	Total for Kurnool...	804	....	67,500	10,000
	CUDDAPAH. *Main Supply.*—Nil. *Distribution.*				
	Canal, 9th Section...	350	Do.	20,000	5,950
	Do. 10th do.	7			119
	Sundry purposes	150			3,931
	Total of Cuddapah...	507	....	20,000	10,000
	Grand Total for Kurnool and Cuddapah...	1,311	....	87,500	20,000

Colonel, R.E.,
Secretary to Government.

Estimated Expenditure from Guaranteed and Loan Capital of the Madras Irrigation and Canal Company for 1870-71.

Items.	1870-71.	Budget Estimate, 1869-70.	Regular Estimate, 1869-70.
	RS.	RS.	RS.
Main Canal	15,22,500	14,47,750	12,78,664
Distribution Channels	2,96,000	3,20,800	46,420
Establishments	4,51,500	4,00,000	3,80,526
Electric Telegraph	10,000	81,450	14,585
Total outlay...	22,80,000	22,00,000	17,29,195
Estimated Receipts from sale of Stores, etc., to be credited to Capital ...	......	......	......
Total receipts...	......	......	......
Net outlay...	22,80,000	22,00,000	17,29,195

Revenue Account.

	Gross Earnings.			Working Expenses.			Net Revenue.			Per-centage of Working Expenses.		
	1870-71.	1869-70. Budget Estimate.	1869-70. Regular Estimate.	1870-71.	1869-70. Budget Estimate.	1869-70. Regular Estimate.	1870-71.	1869-70. Budget Estimate.	1869-70. Regular Estimate.	1870-71.	1869-70. Budget Estimate.	1869-70. Regular Estimate.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Main Canal from Soonkasala to the Pennair...	99,000	99,000	16,290	20,334	23,334	4,970	78,666	75,666	11,320	20·54	23·57	30·50

MADRAS,
23rd October 1869.

(Signed) J. CARPENDALF, Colonel, R.E.,
Ag. Consg. Engr. for I. & C. Company.

No. I.

MADRAS IRRIGATION AND CANAL COMPANY.

Budget Estimate of the expenditure required on the Construction Account in 1870-71.

Names of Work.	Amount of sanctioned Estimate.	Actual expenditure from 1st April to 31st August 1869.	Anticipated expenditure from 1st September 1869 to 31st March 1870.	Total of columns 3 and 4.	Probable expenditure for 1870-71.	Remarks.
1	2	3	4	5	6	7
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Main Supply.						
Anicut and Head works at Kurnool	3,03,080 0 0	....	....	....	......	Abandoned.
Do. do. at Soonkasala	4,39,192 0 0	6,489 10 5	9,541 9 9	16,031 4 2	......	Excess expenditure Rupees 28,016-13-6, and the supplemental estimate is under preparation.
Do. do. at Somaisweram	1,71,727 1 7	....	....	....	......	
Do. do. at Adimapully	3,34,100 0 0	62,619 1 4	1,28,111 7 10	1,90,730 9 2	32,930 0 0	Includes the amount of supplemental estimate Rupees 33,600. Submitted on the 15th April 1869.
Aqueduct across the River Hindry	2,70,250 0 0	....	1,042 6 0	1,042 6 0	......	
Canal for one mile from the head-sluice of the Kurnool Anicut	65,000 0 0	....	....	....	......	Abandoned.
South Main Canal, 1st Section, 1st to 17¼ mile ...	10,79,717 0 0	40,730 12 3	24,033 12 3	64,814 8 6	......	
Do. 2nd do. 17½ to 32nd do. ...	18,16,370 0 0	63,381 0 7	9,729 5 11	73,110 6 6	......	Excess expenditure Rupees 97,831-1-3, and the supplemental estimate is under preparation.
Do. 3rd do. 33rd to 43rd do. ...	9,75,790 0 0	13,573 11 0	21,584 9 0	35,158 4 0	64,844 0 0	Includes the amount of estimate for Sultanpoor breach and bridge Rupees 11,880, submitted 4th September 1869.
Do. 4th do. 44th to 60th do. ...	10,55,521 0 0	8,567 3 11	14,141 4 2	22,708 8 1	74,138 0 0	
Do. 5th do. 61st to 72nd do. ...	8,80,905 1 9	22,275 6 9	15,212 11 11	37,488 2 8	33,489 0 0	
Do. 6th do. 73rd to 91st do. ...	8,59,092 7 4	1,09,751 6 0	1,29,195 14 8	2,38,947 4 8	1,10,144 0 0	Includes the amount of advance.
Do. 7th do. 92nd to 114th do. ...	7,23,013 5 4	83,576 4 7	77,310 4 7	1,60,886 9 2	1,43,810 0 0	Includes the amount of supplemental estimate for Rupees 1,06,015. Aqueducts Nos. 19 and 20, Rupees 56,380, submitted 17th August 1869.
Do. 8th do. 115th to 143rd do. ...	9,15,841 0 0	98,701 6 0	74,136 10 1	1,72,838 0 1	4,08,168 0 0	Includes the amount of estimate, Rupees 32,700, for proposed calingulah, and submitted 25th August 1869; also the supplemental estimate for masonry works as per Executive Engineer's figures.
Do. 9th do. 144th to 178th do. ...	9,45,837 0 0	1,67,674 15 7	58,018 6 2	2,25,693 5 9	4,74,621 0 0	
Do. 10th do. 179th to 186th do. ...	2,53,760 0 0	19,072 15 11	20,142 0 7	39,215 0 6	1,80,856 0 0	Includes the amount of supplemental estimate Rupees 60,510, submitted September 1869.
Total...	110,95,196 0 0	6,96,463 14 4	5,82,200 6 11	12,78,664 5 3	15,22,500 0 0	
Distribution.						
Branch channel and sluice, 1st Section	6,680 15 5	781 15 2	1,727 [illegible] 4	2,509 0 6	......	
Distribution work of the 2nd do.	6,000 0 0	18 1 6	1,499 1 7	1,517 3 1	......	
Do. do. 3rd do.	11,150 0 0	....	6,865 1 7	6,865 1 7	......	
Do. do. 4th do.	33,616 0 0	4,947 9 6	30,449 6 5	35,396 15 11	......	
Constructing a bund across the canal, 45th mile, 4th Section...	76 0 0	....	....	....	......	
Distribution works of the 5th Section	4,000 0 0	....	....	....	66,000 0 0	

Do. do. 6th do.	10,000 0 0	....	....	....	1,00,000 0 0	Approximately estimated.
Do. do. 7th do.	....	....	....	....	25,000 0 0	
Do. do. 8th do.	....	....	....	....	45,000 0 0	
Do. do. 9th do.	15,125 0 0	131 14 10	....	131 14 10	60,000 0 0	
Do. do. at Soonkasala	925 2 6	....	....	....	......	
Kurnool Town Water Supply	1,699 0 7	....	....	....	......	
Total...	89,272 2 6	5,879 9 0	40,540 10 11	46,420 3 11	2,90,000 0 0	
Buildings.						
Central Hospital with out-houses and compound wall at Kurnool	5,050 0 0	130 0 0	....	130 0 0	......	
Repairs to do. do. do.	68 0 0	....	....	....	......	Excess expenditure, Rupees 31-12-8.
Office, Store-house, and Workshop at Soonkasala ...	5,947 0 0	....	....	....	......	
Powder Magazine, Store, and Station roads at Bowanassy	4,359 5 9	....	....	....	......	
Office Store-room and Artificers shed at do. ...	7,297 8 5	....	....	....	......	
Repairing the above building at do. ...	648 0 0	....	....	....	......	
Improvement of road approaching to the above building and repairing culvert at do....	578 0 0	....	....	....	......	
Converting the unfinished building intended for Gun Powder Manufactory into a Hospital at do. ...	427 0 0	....	....	....	......	
Office and Store building at Valapanoor in Bowanassy.	5,121 0 0	20 4 11	....	20 4 11	......	Includes the amount of supplemental estimate, Rupees 3,151, submitted 26th August 1869.
Do. at Jupaud in Nagatoor ...	4,123 0 0	....	....	....	......	Excess expenditure Rupees 625-13-1.
Do. at Puggydial in do. ...	3,977 7 7	....	....	....	......	
Do. at Chintagoontah in Koondaur	5,283 0 0	15 15 8	....	15 15 8	......	
Office and temporary Store-shed at Ayaloor do. ...	642 0 0	....	....	....	......	
Quarters for Sub-Assistant Engineer and Assistant Surveyors do.	1,236 0 0	....	....	....	......	
Repairs to Anicut Office at Zorapoor	327 0 0	....	....	....	......	
Office and Store, Workshop at Kurnool	30,612 0 0	22 4 0	....	22 4 0	......	
Iron and Brass Foundry and rooms for receiving and despatching Stores at Kurnool...	15,327 15 4	....	....	....	......	
Engineer's Bungalow at Dhoor	4,765 0 0	....	....	....	......	Excess expenditure Rupees 18-3-10.
Division Office at Adimapully	1,880 0 0	....	....	....	......	
Total...	97,669 5 1	188 8 7	....	188 8 7	......	
Telegraph lines from Soonkasala to Cuddapah...	49,440 0 0	5,642 5 0	8,943 1 8	14,585 6 8	10,000 0 0	
Grand Total...	113,31,577 7 7	7,08,174 4 11	6,31,684 3 6	13,39,858 8 5	18,28,500 0 0	

Examined.

MADRAS,
October 1869.

(Signed) C. A. BADHAM,
Chief Accountant.

(Signed) F. H. HENSLOWE,
Agent and Manager.

(Signed) J. CARPENDALE, Colonel, R.E.,
Ag. Consulting Engineer for I. & C. Company.

No II.

MADRAS IRRIGATION AND CANAL COMPANY.

Budget Estimate of area of land required in 1870-71.

Names of works for which land is required.	Area of land under Class			
	A.	B.	C.	D.
	Acres.			
For Distribution Channel, 1st Section, Main Canal ...	9	......	......	......
Do. do. 2nd do. ...	20	......	......	......
Do. do. 3rd do. ..	40	......	......	......
Do. do. 4th do. 1st part ...	50	......	......	......
Do. do. 4th do. 2nd part ...	25	......	......	......
Do. do. 5th do. North Bowanassy...	100	......	......	......
Do. do. 5th do. South do. ...	45	......	......	......
Do. do. 6th do.	350	......	......	......
Do. do. 7th do.	20	......	......	......
Do. do. 8th do.	20	......	......	......
Do. do. 9th do.	350	......	......	......
Do. do. 10th do.	7	......	......	......
For side cutting quarries or temporary huts.				
6th Section	......	......	25	......
7th do.	......	......	25	......
8th do.	......	50	25	......
9th do.	......	50	75	......
10th do.	......	......	25	......

25th September 1869.

(Signed) J. H. LATHAM,
Chief Engineer.

KURNOOL,
23rd September 1869.

(Signed) J. CARPENDALE, Colonel, R.E.,
Ag. Consulting Engineer for I. & C. Company.

No. III.

MADRAS IRRIGATION AND CANAL COMPANY.

Budget Estimate of the expenditure on the Revenue Account in 1870-71.

Items.	Budget for 1869-70.	Actual expenditure from 1st April 1869 to 31st August 1869.			Anticipated expenditure from 1st September 1869 to 31st March 1870.			Total of Columns 3 & 4.	Probable expenditure for 1870-71.	Remarks.
	RS.	RS.	A.	P.	RS.	A.	P.	RS.	RS.	
Proportion on share of charges for General Management	4,000	......			......			...	4,000	
Main Supply.										
Repairs of Soonkasala Anicut ...	3,500	1,214	0	5	2,285	15	7	3,500	500	Nine men at 7 rupees per month per mile.
Do. of Main Canal, 1st Section	1,470	1,058	2	2	411	13	10	1,470	1,470	
Do. of do. 2nd do. ...	1,260	......			......			...	1,260	
Do. of do. 3rd do. ...	1,092	......			......			...	1,092	
Do. of do. 4th do. ...	1,428	......			......			...	1,428	
Do. of do. 5th do. ...	1,008	......			......			...	1,008	
Do. of do. 6th do. ..	1,596	......			......			...	1,596	
Do. of do. 7th do. ...	1,932	......			......			...	1,932	
Do. of do. 8th do. ...	2,436	......			......			...	2,436	
Do. of do. 9th do. ...	2,940	......			......			...	2,940	
Do. of do. 10th do. ...	672	......			......			...	672	
Total...	19,334	2,272	2	7	2,697	13	5	4,970	16,334	
Distribution.—Nil.										
Building.—Nil.										
Storage.—Nil.										
Grand Total...	23,334	2,272	2	7	2,697	13	5	4,970	20,334	

Examined.

MADRAS,
October 1869.

(Signed) C. A. BADHAM,
Chief Accountant.

(Signed) F. H. HENSLOWE,
Agent and Manager.

(Signed) J. CARPENDALE, Colonel, R.E.,
Ag. Consg. Engr. for I. & C. Company.

Proceedings of the Madras Government, Public Works Department,
25th November 1869.

No. IV.

MADRAS IRRIGATION AND CANAL COMPANY.

Budget Estimate of Irrigation for the year 1870-71.

Position.		Areas commanded.	Areas supplied in 1869-70.	Areas to be supplied in 1870-71.
1st. Section		2,500		2,500
2nd do.		6,500	819	6,500
3rd do.		11,500		11,500
4th do.	1st Sub-division	14,000	90	14,000
	2nd do.	7,500		7,500
5th do.	North Bowanassy	30,000	......	30,000
	South do.	12,000	......	12,000
6th do.		100,000	......	100,000
7th do.		50,000	......	50,000
8th do.		50,000	......	50,000
9th do.		100,000	......	100,000
10th do.		2,000	......	2,000

25th September 1869. (Signed) J. H. LATHAM,
Chief Engineer.

KURNOOL,
23rd September 1869. (Signed) J. CARPENDALE, Colonel, R.E.,
Ag. Consg. Engr. for I. & C. Company.

No. 518. ORDER THEREON, 25th November 1869, No. 3,756.

IRRIGATION, No. 26.

WITH these letters the Acting Consulting Engineer for the Madras Irrigation and Canal Company submits the Budget of expenditure proposed to be incurred from State funds and from Guaranteed Loan Capital during the year 1870-71.

2. In the Estimate of State outlay on Establishments provision is made for the Military allowances of the Officer at present officiating as Consulting Engineer, but the Government are of opinion that, in order to meet the contingency adverted to in Colonel Carpendale's letter of the 3rd instant, No. 93, it would be better to enter the Civil rate of salary fixed for an appointment of corresponding rank in the regular Public Works Department. An allowance of Rupees 1,750 will accordingly be provided in the Budget to be submitted to the Government of India, and with this alteration the outlay from State funds will be Rupees 53,800 in round numbers, as follows:—

	RS.
On Establishment	33,800
On Land	20,000

Proceedings of the Madras Government, Public Works Department,
25th November 1869.

Construction Funds.	RS.
Main and Distribution Channels ...	18,18,500
Establishments	4,51,500
Telegraph	10,000
Total ...	* 22,80,000
Revenue Account.	
Gross Earnings	99,000
Working Expenses	23,334
Net Revenue ...	† 75,666

3. The Budget Estimate of expenditure* from Guaranteed and Loan Capital, as well as that of expected receipts† of revenue will, for the reasons explained by Colonel Carpendale, be allowed to stand.

Ordered that the following letter be sent :—

(Here enter No. 3,757, dated 25th November 1869.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Consulting Engineer for the Madras Irrigation and Canal Company.
,, Manager for do. do.
,, Controller of Public Works Accounts.
,, Accountant-General.
,, Revenue Department.

Exd. S. T. Augustin.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 25*th November* 1869.

No. 519.

No. 3,757.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

IRRIGATION, No. 27.

SIR,—I am directed to transmit the Budget of expenditure which is proposed to be incurred from State funds and from Guaranteed and Loan Capital during the ensuing official year on account of the Madras Irrigation and Canal Company.

2. The Estimate is as follows, as compared with that for 1869-70 :—

	ESTIMATE FOR	
	1870-71.	1869-70.
State Outlay.	RS.	RS.
On Establishments	33,800	29,000
On Land	20,000	36,000
	53,800	65,000
Construction Funds.		
Main and Distribution Canals	18,18,500	17,68,550
Telegraph	10,000	31,450
Establishments	4,51,500	4,00,000
	22,80,000	22,00,000
Revenue Account.		
Gross Earnings	99,000	99,000
Working Expenses	23,334	23,000
	75,666	76,000

3. The difference between the amount allowed in 1869-70 for State outlay on Establishments and that included in the Budget herewith submitted is owing to this Government having, in order to meet the contingency explained in paragraph 1 of Colonel Carpendale's letter of the 3rd November 1869, No. 93, adopted for the Consulting Engineer the Civil rate of salary (Rupees 1,750) fixed for a corresponding appointment in the regular Public Works Department.

4. The accompanying reports from the Acting Consulting Engineer furnish full information regarding the causes of difference between the current year's Budget and regular Estimate of expenditure from Construction funds, and explain the data upon which the estimate for 1870-71 has been prepared, and I am to state that this Government are of opinion that, for the reasons set forth by Colonel Carpendale, those estimates may be accepted.

	Budget Estimate, 1869-70.	Regular Estimate, 1869-70.
	RS.	RS.
Establishments... ...	4,00,000	3,89,430
Main Supply Channel.	14,47,750	12,78,664
Distribution do. ...	3,20,800	46,420
Telegraph	31,450	14,585

5. The total receipts of revenue in 1870-71 are estimated by the Company's officers at Rupees 99,000, as entered in the statement given in paragraph 2, but the Acting Consulting Engineer, while recommending that this amount be allowed to stand, questions the probability of its realization. The views of this Government regarding the remunerative character of the Company's works will be found expressed in my letter No. 3,702 of the 19th November 1869.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,

Secretary to Government.

Exd. S. T. Augustin.

No. 93.

From The Ag. Cons. Engr. for S.D.C. Co.
To The Secretary to Govt. D.P. Works.

Sir,

I have the honor to acknowledge your Memorandum No. 85 of the 27th ultimo, and as directed to forward a fresh Budget estimate of Expenditure from State funds in which the full Staff Salary for the Consulting Engineer and Military Allowances as a Captain is provided, which I presume is what the Government require in calling for a revised estimate in accordance with the sanctioned Scale, as in all other respects the estimate objected to does agree with the sanctioned Scale. As regards the Salary of the Consulting Engineer I find that in order of Government No. 2547. 28th Oct. 1859 the remuneration of this Office was fixed at rupees one thousand with the full pay and allowances of the incumbent's Regimental Rank and so the expenditure has always been variable, the incumbent being at times a Captain, sometimes a Lt. Colonel & at others a Colonel. I therefore

submit that the estimate which I originally prepared was in accordance with the Sanctioned scale and that it will be less embarrassing hereafter to allow it to stand than to estimate for an amount insufficient to pay the present acting incumbent.

2 The Government next call for a full explanation of the difference between the Budget and the regular estimate of expenditure for 1869-70.

1st The excess difference under State outlay is owing to the Military Allowances of a Captain having been estimated for but the permanent incumbent having been promoted to a higher situation and replaced by a Colonel whose Military Allowances are higher there was necessarily an increase of expenditure from the 17th August.

2d Decrease of Rs 470605 from Construction funds.

The Statement accompanying shows the items of which the above sum is made up: the portion belonging to Establishments is owing to some places having remained vacant & to the persons filling others not having attained to the

full Salary of the Office. The decrease of expenditure on the main supply is owing to the Chief Engineer having estimated for the largest amount he thought he could spend lest if he estimated too low there might be a difficulty in obtaining the money. The heaviest item is in distribution on which the expenditure falls short by ~~the~~ two and three quarter lacs of the sum provided in the Budget. It has been often noticed how slowly the works of distribution advanced, and the Chief Engineer informs me that it is owing to his not having had Engineers to spare for this duty. Moreover the working season is only just commencing, and it may be that the full sum provided in the Budget will not be necessary the smaller amount shown in the regular estimate being, in accordance with Regulation and Custom, computed from the actual expenditure of the preceding six months.

3rd. Cause of the Anticipated falling off in the receipts under Revenue Account.

the falling off is owing to the
Drain and distribution works having
been in a much less forward
condition than was expected, and
the Canal not being in a proper
condition owing to accidents to
supply the water so early and as
completely as had been hoped.

I have the honour to be
Sir
Your most obdt. Servant

[illegible] Col. R.E.
Ag. Con: [illegible]

Camp Bijadgal
Nov. 3rd. 1869.

No 57

No 3 P.W. Dept
From [illegible] 702
Lt [illegible] Esqr.
To
the Secretary to Govt
P.W.D.
Dated 3 } November 69
Recd 9 }
C. 2
No 5756 5757-25 Nov/69
Forwards field budget
estimate of expenditure
from State funds in
accordance with the
[illegible] called for in [illegible]
No 85 [illegible]

17 6

Difference between Budget and Regular Estimate of Expenditure on Construction for 1869-70

	Budget Estimate for 1869/70	Regular Estimate of 1869/70	Difference Increase	Difference Decrease
General Management				
Agent's Department — Salaries	50,000	64,430	"	570
Contingent expenses	15,000			
Establishments of Chief & Executive Engrs.	335,000	325,000	"	9,904
Main Supply	14,47,760	12,78,664	"	1,69,086
Distribution	320,800	46,420	"	274,38
Telegraph	31,450	14,585	"	16,86
Total	22,00,000	17,29,195	"	470,80

4,00,000.
389,430
10,570

10,470

96

P.W. 4702/69.

No. 85.

Consulting Engineer's Office,
Irrigation and Canal Compy.
Madras 23rd October 1869.

From,

Colonel J. Carpendale R.E.
Asst. Consulting Engineer I & C.Co.

To,

The Secretary to Government,
Department of Public Works

Sir,

Part VI Appendix C and Statements No. 1 to 4 received from Agent.

I have the honor to submit the documents as per margin being Budget Estimates of expenditure from State funds and from Guaranteed and loan Capital during 1870-71.

2 The estimated outlay on Government Establishments is,

For the Consulting Engineer's Office Rs.	32,856
" making over land "	1,828
Total State Outlay on Establishment	34,684
The Compensation for land expected to be taken up for Distribution Channels is estimated at Rs.	20,000
Total State Outlay Rupees	54,684

No provision is made for land for the Main Canal as it is expected that it will all be taken up before the close of the current official year.

3. The estimated outlay from Guaranteed and loan Capital amounts to Rupees 22,80,000

being

being somewhat in excess of the Estimate for last year and is composed of the following items.

Agents and Engineering Establishment	4,51,500
Work on Main Canal	15,22,500
" on Distribution Channels	2,96,000
Telegraph	10,000

as the expenditure on the Main Canal this year is estimated at Rupees 1278,664 the amount provided above will probably not be too much - The expenditure on distribution Channels this year is calculated to be only Rupees 46,490 but as with the close of the next official year the date on which the Company have engaged to complete the work will be very nigh, strenuous exertions will no doubt be made to finish the works of distribution and the amount which is proposed by the Chief Engineer may be allowed to stand.

4 With regard to Revenue, the gross receipts are estimated at Rs 99,000 and the expenditure or working expenses at ——— 20,334
leaving net receipts at ——— 78,666
I do not think it probable that the above Estimates will prove approximately correct, for though the Chief Engineer's Irrigation Estimate shows the area of land

commanded

commanded to be ——— Acres 3,86,000

The area supplied in 1869-70 corrected to date is only ... — 1,818

and area to be supplied in 1870-71 — 3,86,000

it is unlikely, even if the distribution works are sufficiently completed by the end of the year that they will be "early enough to irrigate the land, or that in any case so much land will be actually supplied with water, as the supply depends on other considerations; such as the stability of the Main works, the readiness of the Ryots to receive the water and the certainty of supply. The actual receipts this year are only estimated at Rs 16,290 while the Revenue that was expected when the Budget was prepared last year was Rs 99,000 and I think it will be a sufficient advance to allow the same figures to stand for next year. The expenditure or working expenses under this head is estimated at Rupees 20,334 which on the other hand appears too low. The only Conservancy Establishment yet sanctioned is Rupees 6540 per annum, Order as per margin, but additional Establishment

*No. 2528 7th Augt/69.

of a similar nature will be requisite hereafter. Then, all clearance of silt, repairs to buildings, and general

repairs

repairs to each portion of the Canal after it has been completed and brought into use, will be debitable to the same head, hence I expect that the sum of Rupees 20,330 will be exceeded by a considerable amount, but I would allow the amount to stand it being understood that the figures are those of the Officers of the Company and that I do not expect there will be any net revenue.

5. The Revenue Account as directed by the Government of India in para 3 of the Despatch communicated with Order of Government No. 738 - 6th March 1869 is being prepared by the Agent up to 30th September last.

I have the honor to be,
Sir,
Your most obedient Servant
J. Mullendale Col. R.E.
Actg. Consulting Engineer
I & C Co.

Govt. W.P.:

23

Madras Irrigation & Canal Company

Budget Estimate of the Expenditure on the Revenue account in 1870/71

Items	Budget for 1869/70	Actual expenditure from 1st April 69 to 31st August 69	Anticipated expenditure from 1st September 69 to 31st March 70	Total of columns 3 & 4	Probable expenditure for 1870/71	Remarks
Proportion or Share of charges for General Management	4000 " "	" " "	" " "	" " "	4000 " "	
Main Supply						
Repairs of Sunkasala Anicut	3500 " "	1214 . 5	2285 15 7	3500 " "	500 " "	
" of Main Canal 1st Section	1470 " "	1058 2 2	411 13 10	1470 " "	1470 " "	
" of " 2 "	1260 " "	" " "	" " "	" " "	1260 " "	
" of " 3 "	1092 " "	" " "	" " "	" " "	1092 " "	
" of " 4 "	1428 " "	" " "	" " "	" " "	1428 " "	
" of " 5 "	1008 " "	" " "	" " "	" " "	1008 " "	
" of " 6 "	1596 " "	" " "	" " "	" " "	1596 " "	Line men at 7 Rs per month per mile
" of " 7 "	1932 " "	" " "	" " "	" " "	1932 " "	
" of " 8 "	2436 " "	" " "	" " "	" " "	2436 " "	
" of " 9 "	2940 " "	" " "	" " "	" " "	2940 " "	
" of " 10 "	672 " "	" " "	" " "	" " "	672 " "	
Rupees	19334 " "	2272 2 7	2697 13 5	4970 " "	16334 " "	
Distribution						
Nil						
Building						
Nil						
Storeage						
Nil						
Grand Total	23334 " "	2272 2 7	2697 13 5	4970 " "	20334 " "	

Examined

[signature]

Chief Accountant

[signature] F. Hartnell Henslow(?)

Agent & Manager

Agents Office
Madras
October 1869

Addressed to Compt. C.P.O.(?)

[signature] Colonel R.E.(?)

[signature] for M.I.C. Co.(?)

No. III

Madras Irrigation

and

Canal Company

Budget Estimate of the Expenditure on the Revenue Account in 1870/71

P.W. 4492/69

Consulting Engineer for the Madras Irrigation & Canal Company

1	1	Consulting Engineer	1000	875	10,500 21,000	21,000	16,248	19,853
		Military allowance as Colonel of Engineers	961 (1750)	961	11,532			
1	1	Manager	225	225	2,700			
2	1	Accountant	42	42	504			
1	1	Head Clerk	50	50	600			
2	"	Assistant Do.	"	"	"			
1	1	Draughtsman and Estimator	60	60	720			
1	1	Do. Do.	40	40	480			
1	1	Record keeper	50	50	600			
1	1	Moochee	10½	10½	126	7,254	7254	7224
"	1	Peon	8	8	96			
2	2	Do.	7	14	168			
2	1	Do.	6 ?	6	72			
1	1	Sweeper	3	3	36			
		For the Government Examiner						
"	1	Accountant	90	90	1080			
"	1	Peon	6 ?	6	72			
16	15					28,254 ~~29,286~~	23,502	27,077
		Travelling allowance and batta for Office Establishment				2570	2570	1,500
		Office expenses and Contingencies				1000	1200 1000	521
		Total of Consulting Engineer's Department				32,856	27,072	29,098
						31,824 32,856	27,272	

7254
21,000
28,252

7254
22,032
29,286
28,254
1,032

Establishment engaged in making over land.

		Cuddapah						
1	1	Surveyor	120	120	1440 }		1728	1728
4	4	Lascars	6	24	288 }			
						1728	1728	1728
		Contingent Charges				100	200	70
		Total Cuddapah				1828	1928 (1728)	1798
		Kurnool Nil	"	"	"	"	"	"
		Nellore Nil	"	"	"	" (30,824)	"	"
		Grand total of the Controlling Establisht.	"	"	"	34,684	29,000	30896

33,652
31,856
1,828
33,684

34,684
1,032
33,652

II Purchase of land

Number of Item	Particulars	Area	Amount of Estimate	Computed payments to 31st March 1870	Estimate 1870/71
	Kurnool District		Not Estimated for, the Land Registers and Bills are sanctioned by Government from time to time prior to the transfer of the Land		
	Main supply Nil				
	Distribution				"
	Canal 1st Section	9		67,500	108
	" 2nd Do.	20			240
	" 3rd Do.	40			480
	" 4th Do.	75			900
	" 5th Do.	145			1740
	" 6th Do.	350			4,200
	" 7th Do.	20			240
	" 8th Do.	20			240
	Sundry purposes	125			1852
	Total for Kurnool	804		67500	10,000
	Cuddapah				
	Main supply Nil				
	Distribution				
	9th Section	350	Do.	20,000	"
	10th Do.	7			5950
	Sundry purposes	150			119
					3931
	Total for Cuddapah	507	"	20,000	10000
	Grand Total for Kurnool & Cuddapah	1311	"	87,500	20,000

Cons: Engrs. Office I&C Co.
Madras 23rd October 1869

[signature] Colonel R.E.
Ag. Consulting Engineer I&C Co.

Pd. 13.

Establishment engaged in making over land.

		Cuddapah						
1	1	Surveyor	120	120	1440	}	1728	1728
4	4	Lascars	6	24	288			
						1728	1728	1728
		Contingent Charges				100	200	70
		Total Cuddapah				1828	1928 (1728)	1798
		Kurnool						
		Nil	"	"	"	"	"	"
		Nellore						
		Nil	"	"	"	"	"	"
		Grand total of the Controlling Establisht.	"	"	"	34,684	29,000	30,896

II Purchase of land

Number of Item	Particulars	Area	Amount of Estimate	Computed payments to 31st March 1870	Estimate 1870/71
	Kurnool District				
	Main supply				
	Nil				

Detail of Estimate of State expenditure on account of the operations Part VI The Madras Irrigation & Canal Company for the year 1870/71

Abstract

I Establishment	34684
II Purchase of land	20.000
Total	54684

I Controlling Establishment.

Number 1870/71	Particulars	Salary of Office	Estimate of 1870/71 Per mensem	Per annum	Total	Revised Estimate of 1869/70 Charges per annum	Regular Estimate of 1869/70

27

P.W. Dept
Pro: of Govt. [illegible]
No. 4492

From
The Ceylon [illegible] Co
To
The Secretary to Govt. D.P.W.

Dated 23rd }
Recd 25th } Oct/69.

Encs: 6.

Submits Budget Estimate of Expenditure from State funds & from Guaranteed & Loan Capital during 1870/71.

Nos 3756 & 3757 - 25 Nov/69.

No 516

Appendix C

Estimated expenditure from Guaranteed and Loan Capital of the Madras Irrigation and Canal Company for 1870/71

Items	1870/71	Budget estimate 1869/70	Regular estimate 1869/70
Main Canal	15,22,500	14,47,750	12,78,664
Distribution Channels	2,96,000	3,20,800	46,420
Establishments	4,51,500	4,00,000	3,89,526
Electric Telegraph	10,000	31,450	14,583
Total outlay	22,80,000	22,00,000	17,29,195
Estimated receipts from sale of Stores &c. to be credited to Capital	"	"	"
Total receipts	"	"	"
Net outlay	22,80,000	22,00,000	17,29,195

Revenue Account

	Gross Earnings			Working Expenses			Net Revenue			Percentage of Working Expenses		
		1869/70			1869/70			1869/70			1869/70	
	1870/71	Budget Estimate	Regular Estimate	1870/71	Budget Estimate	Regular Estimate	1870/71	Budget Estimate	Regular Estimate	1870/71	Budget Estimate	Regular Estimate
Main Canal from Soonkasala to the Pennair	99,000	99,000	16,290	20,334	23,334	4,970	78,666	75,666	11,320	20·54	23·57	30·50
				23,554			75,[illegible]					

Cons: Engrs Office I & C Co.
Madras. 23 October 1869.

J. C. Anderdon(?) Colonel R.E.
Ag. Consulting Engr. I&C Co.

Exd. J.B.

P.A. 4492/69.

Establishment engaged in making over Land

Cuddapah

1	1 Surveyor	120	120	1440		1728	1728
4	4 Lascars	6	24	288			
	Contingent Charges	"	"	"	"	"	70
	Total Cuddapah				1728	1728	1798

32,024

33,753

Kurnool

	Nil	"	"	"	"	"	"

Nellore

	Nil	"	"	"	"	"	"

Grand Total of the Controlling Establishment	29000	29000	30,896

II Purchase of Land

Number of Item	Particulars	Area	Amount of Estimate	Computed payments to 31st March 1870	Estimate 1870/71
	Kurnool District				
	Main supply				
	Nil	"	Not estimated for the Land [illegible] and Bills are sanctioned by Government from time to time prior to the transfer of the land		"
	Distribution				
	Canal 1st Section	9			108
	Do. 2 Do.	20			240
	Do. 3 Do.	40		67500	480
	Do. 4 Do.	75			900
	Do. 5 Do.	145			1740
	Do. 6 Do.	350			4200
	Do. 7 Do.	20			240
	Do. 8 Do.	20			240
	Sundry purposes	125			1852
	Total for Kurnool	804		67500	10,000
	Cuddapah				
	Main Supply				
	Nil	"	Do.		"
	Distribution			20,000	
	Do. 9 Section	350			5950
	Do. 10 Do.	7			119
	Sundry purposes	150			3931
	Total of Cuddapah	507		20000	10000
	Grand Total for Kurnool & Cuddapah	1311		87500	20000

Cons. Engineer's Office I. & C. Co.
3rd November 1869.

[illegible] Colonel R.E.
Ag. Cons. Engineer for I. & C. Co.

Colonel R[illegible]

[illegible]

C.H.S.

Madras Irrigation & Canal Company

~~[illegible]~~	1750 ~~1000~~	1000	12000	21,000	16,248	19853
	1750	1750	21,00			
	~~254~~	~~264~~	~~4248~~			
	225	225	2700			
	42	42	504			
	50	50	600			
	"	"	"			
	60	60	720			
	40	40	480			
	50	50	600			
	10½	10½	126	7,254	7254	7224
	8	8	96			
	7	14	168			
	6	6	72			
	3	3	36			
	90	90	1080			
	6	6	72			
				28,254 ~~[illegible]~~	23502	27077
…ishment				2570	2570	1500
				1200	1200	521
Depart…				32,024 ~~[illegible]~~	27272	29098

32,024

27,272
16,248
11,024

1750
21000
16248

Revised

Part VI

Detail of Estimate of State Expenditure on account of the operations of Madras Irrigation & Canal Company for the Year 1870/71

Abstract

I. Establishment		~~29,000~~ 33,752
II. Purchase of Land		20,000
	Total	~~49,000~~ 53,752 53,752

I Controlling Establishment.

Number 1869/70	Number 1870/71	Particulars	Salary of Office	Estimate of 1870/71 Per mensem	Estimate of 1870/71 Per annum	Estimate of 1870/71 Total	Budget Estimate 1869/70 charges per annum	Regular Estimate of 1869/70
		Consulting Engineer for the						
1	1	Consulting Engineer						
		~~Military Allowance as Captain of Engineers, includ Allowance~~						
1	1	Manager						
2	1	Accountant						
1	1	Head Clerk						
2	"	Assistant Do.						
1	1	Draughtsman and Estimator						
1	1	Do. Do.						
1	1	Recordkeeper						
1	1	Moochee						
"	1	Peon						
2	2	Do.						
2	1	Do.						
1	1	Sweeper						
		For the Government Examiner						
"	1	Accountant						
"	1	Peon						
16	15							
		Travelling allowance and batta for Office Estab						
		Office expenses and contingencies						
		Total of Consulting Engineer's						

P.R. 4/702/69.

Pres: 25 Nov 69 L 1017.

Public Works Department

No. 3756

Proceedings of the Madras Government

Under date the 25th Novr./69.

Read the following

From The Ag Consulting Engineer for I & C. Company | H. E. No. 85 d/23rd October/69

From. The Ag Consulting Engineer for I. & C. Company | H. E. No. 93. d/3rd November/69

With these letters the acting Consulting Engineer for the Madras Irrigation and Canal Company submits the Budget of expenditure proposed to be incurred from State funds and from Guaranteed Loan Capital during the year 1870/71.

In the Estimates of State outlay on Establishments provision is

is made for the
Military allowances of
the Officer at present
officiating as Consulting
Engineer, but the Govern-
-ment are of opinion
that, in order to meet
the contingency adverted
to in Colonel Carpendale's
letter of the 3rd Instant
No. 93, it would be better
to enter the Civil rate
of salary fixed for an
appointment of correspond-
-ing rank in the regular
Public Works Department,
An allowance of Rs. 1750
will accordingly be
provided in the Budget
to be submitted to th

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Government of India, and with this alteration the outlay from State funds will be Rs 53,752 as follows.

On Establishment		33,752
" Land.	}	20,000

The Budget Estimate of expenditure from Guaranteed and Loan Capital, as well as that of expected receipts* of Revenue will, for the reasons explained by Colonel Cunfendale, be allowed to stand.

Construction Funds.

Main and Distribution channels	Rs 1818500
Establishments	" 451500
Telegraph	" 10000
Total	22,80000

Revenue Account

Gross Earnings	Rs 99,000
Working expenses	" 23,334
* Net Revenue.	75,666

To The Cons. Engineer for the M. Irri. & Canal Company
" Manager do.
Controller
Acct Genl
" Revenue Deptt

Desp. 29/11/69.
S-C — 30/11/69.

Ordered that the following letter be sent.

No 3757.

To The Secretary to the Government of India P.W.D.

Sir. I am directed to transmit the Budget of

expenditure which is proposed to be incurred from State Funds and from Guaranteed and Loan Capital during the ensuing Official year on account of the Madras Irrigation and Canal Company.

2. The Estimate is as follows, as compared with that for 1869. 70.

	Estimate for 1870. 71.	1869. 70.
State outlay.		
On Establishments	33.752	29.000
Land	20.000	36.000
	53.752	65.000
Construction Funds.		
Main and Distribution Canals	18.18.500	17.68.550
Telegraph	10.000	31.450
Establishments	451 500	400 000
	22.80.000	22.00.000
Revenue Account.		
Gross Earnings	99.000	99.000
Working expenses	23.334	23.000
	75.666	76.000

The difference between the amount allowed in 1869-70 for State outlay on Establishments and that included in the Budget herewith submitted is owing to this Government having in order to meet the contingency explained in para 1 of Colonel Carpendale letter of the 3rd November 1869 No 93 adopted the Civil rate of salary (Rs 1750) fixed for an appointment in the regular Public Works Department corresponding with that of Consulting Engineer for the Madras

Irrigation and Canal Company.

The accompanying reports from the Acting Consulting Engineer furnish full information regarding the causes of difference between the current years Budget and Regular estimate of expenditure from Construction Funds, and explain the data upon which the estimate for 1870-71 has been prepared and I am to state that the

	Budget Estimate 1869-70	Regular Estimate 1869-70.
Establishments	4,00,000	3,89,430.
Main Supply Channel	14,47,750	12,78,664
Distribution Do.	3,20,800	46,420
Telegraph	31,450	14,585
	22,00,000	17,29,195.

Government are of opinion that, for the reasons set forth by Colonel Crommelin those estimates may be accepted.

The total receipts of Revenue in 1870/71 are estimated by the Company's Officers at Rs 99,000, as entered in the statement given in para 2, but the Acting Consulting Engineer, while recommending that this amount be allowed to stand, questions the probability of its realization. The views of this Government regarding the remunerative character of the Company's works will be found expressed

expressed in my letter

No. of the Novem-

ber 1869.

Despd 29/11/69 with one
Copy of G.O. No. 3756 of 1869 -

34 Copies of G.O. No. 3756 of 1869
despd 30/11/69.

to the Chief Engineer for the Madras Ir-
rigation & Canal Co.

Nos 4492 & 4702

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Consulting Engr for the Madras Irrigation and Canal Company and To the Secretary to the Govt of India

Dated

Recd. Encl. 8

G. O. 25 Nov 1869, Nos 3756 & 3757

Nos. 516 @ 518 & 519

Budget (M. I. & C. Co.) Papers and orders on the Budget of expenditure proposed to be incurred from State funds and from Guarantee Loan Capital during 1870-71 on account of the M. I. & C. Co.

Budget (M. I. & C. Co.) Govt of India furnished with the Budget of expenditure proposed to be incurred from State funds and from Guarantee Loan Capital during 1870-71 on account of the M. I. & C. Co.